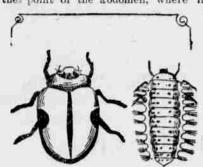
AGRICULTURAL HINTS.

AUSTRALIAN LADY-BUG.

▲ Useful Insect Recently Imported from the Antipodes.

B. M. Lelong, secretary state board cribes the lady-bug received from Australia in April, 1892. This insect attempted colonization has proved successful. Experiments will soon be made to determine what other species this valuable insect, whose functions equal, if not surpass, those of the Vedalia cardinalis, will destroy.

The beetle is slightly smaller than Vedalia cardinalis, averaging oneeighth of an inch in length. The elytra are cardinal red when the perfect beetle issues from the pupa-case, afterward changing to deep blood red. The male has a black line down the center of his back, from the thorax to



widens, extending forward along the lower edges of the clytra to near the center; here it terminates in a small blotch. Head and thorax are dark, and together with the elytra are densely covered with microscopic light or ye!lowish hairs. The legs are black, with the exception of the tarsi, which are buff colored. The female can readily be distinguished from the male, in having the central black line extende only half way down the back; the remainder of her wing covers are blood red with the exception of two faint spots, one slightly under the center of profit. each wing-cover; but in some specimens this is not discernable. The female deposits eggs upon or near the scale, so that wh n the larvæ batch they will find their food convenient. The eggs are laid singly or in small patches upon their sides, instead of being attached at the end to the leaf or twig, as is the case with the twice-stabbed and some other species of lady-bugs. In five days they hatch into small, six-legged larvæ, very much resembling the young of the icerya, upon which they feed. In confinement they pass through three molts and the chrysalis state into perfect beetles within 31 days, but in the warm orchards and sunshine this time will probably be reduced 10 days. The larvie, when full grown, measure about .18 of an inch, and are thickly covered with white powder or a fine down, but generally have the segments well defined. When newly molted they are brownish red or chocolate colored. Down each side of the back are what appear to be two black lines, but when examined with a good lens or microscope, a double row of dots or short lines upon each segment will be seen, and between the segments are large black spots, forming a central row to the other markings. Upon each segment, along the sides, protrude small warts, from each of which grow four fine hairs; the first two segments from the head of each have two extra, smaller warts, with a single hair upon each. When full grown the larvæ seek a suitable location to go through the chrysalis stage. This is generally upon a branch or dry leaf, where it attaches itself, head downward, by a gummy matter exuded from the abdomen. In this position it remains a few days, when the back of the chrysalis splits longitudinally, exposing the pupa, which later changes into a perfect beetle.-American Gardening.

AMONG THE POULTRY.

KEEP fowls of the same size and dis-

position together. CHICKENS that are of a marketable

size should be fattened now as soon as possible. BRAHMAS are not hard to control.

Give them plenty to eat and they are usually quiet and contented. Ir fed largely upon corn it is an easy matter for ducks to become too fat, and

then they will not lay well. When possible to avoid it poultry should not be killed when they have full craws, especially for market.

The most objection to pea fowls and guineas is their noise. Otherwise they are very nice fowls to have around.

Ir necessary to give sulphur do not feed too much at once. A teaspoonful in a quart of food is usually sufficient. A SMALL allowance of bone meal in the food will be beneficial to young

fowls that are afflicted with leg weak-THE nests should always be arranged so that the fowls can get into them

readily without being obliged to jump down upon the eggs in the nest. THE principal advantage in cooking the food for poultry is that if the right

kind of a ration is supplied the fowls will fatten faster.-St. Louis Republic. With old hens especially apoplexy and egg-bound are the result of excessive fat. Better, health and thrift can be maintained by keeping the appetite somewhat sharp.

Home-Mace Sheep Dip.

Take one pound of tobacco, one pound of sulphur, stir them into four gallons of water, and you make a sheep dip warranted to kill and keep off sheep seab. The animals are to be dipped twice at an interval of fourteen days, and the dipping nust be done thoroughly. This will kill the worst dose of a fair proportion of lean as to feed the scab to be found anywhere, and it is a hog so as to secure mostly lard. Indisinfectant which will keep the sheep stead of depending wholly on corn for healthy after the are once cared. So fattening hogs, let the diet be varied. says William Watson in the Breeder's A hog will relish clover hay if cut fine Gasette. He on e st ed a flock of and scalded, or he will accept green 36,360 sheep in New Zealand from scab food of any kind. When allowed a is as weeks by the above treatment variety of food there will be less liawith-ut moving the animals from any bility to disease compared with hogs of their old infected runs.

FEEDING IN WINTER.

Points to Be Carefully Considered by the Thoughtful Farmer.

There are what may be termed two general plans of feeding stock during the winter. One is to provide feed lots. stables or sheds with racks or mangers. of horticulture, of California, des- and haul up all of the feed and feed out in them. In this way the manure is together and can be hauled out and preys on the cottony cushion-scale. Its scattered where it is wanted during the winter and early spring, as the other farm work will permit it.

The other plan is to haul out a good portion of the feed, especially the roughness, and scatter on the ground in the fields, pastures or meadows. In this way the manure is scattered so that no handling of it is considered necessary. The principle difference is in the work.

To haul up the feed and then haul out the manure, of course greatly increases the work. It is easier to feed by scattering on the ground direct from the point of the abdomen, where it the wagon, and that is the end of it. By the other plan the feed must be hauled up and stored away, and then fed out as needed, while the manure must be gathered up, hauled out and scattered.

But there is a considerable saving of feed in feeding in racks or mangers in preference to feeding on the ground and there is a considerable saving of the manure, besides the advantage of applying where it is needed to a better advantage. One may be termed a saving way and the other a wasteful, as, if carefully done, one saves feed and manure, while the other wastes both, but one increases labor, while the other saves it, and if the labor is of more value than the feed and manure the second plan is the most economical, but if the saving in feed and manure more than overbalances the increased labor, the first plan is the best.

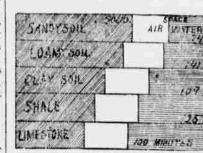
Generally on the farm whatever is worth doing at all is worth doing well. Upon this basis the better plan is to feed out carefully and make, save and apply all the manure possible, as it is only by this kind of management that the farm can be made to pay the best

Manure must be treated as a crop on the farm, and to waste it is to waste a product, and under present conditions the average farmer cannot afford to do this. The crop must be fed out economically to the stock, in a manner calculated to secure the best results at the lowest cost. The manure must be saved and applied to keep up the fertility in order to grow profitable crops, even though the labor may be increased by following this plan. If the better plan is to be followed, now is the time to prepare the quarters for doing it .- N. J. Sheperd, in Farm, Field and Stockman.

SCIENCE IN FARMING.

Some Points About the Movement of Wa

The weight of water prevents it from creeping upward over the soil particles as quickly as it moves downward. M. Whitney, of the Maryland station (P. '91), has found that the different substances held in solution by the soil water may increase or diminish its surface tension, and hence vary its amount, its thickness upon the soil particle, and its rate of movement in drainage. The fineness of the particles increases the amount of space in the soil to be filled with air and water. More than half the space of limestone. shale and clay soil is filled with air and water. These are made of the finest pulverized rock, and the infinitely small particles lie so close together that much of the empty space can be filled with water as shown in the illus



SPACE IN SATURATED SOILS.

tration. Loamy and sandy solls are more closely grained, so that the adhesive surface of the particles is too small to hold enough water by capillary attraction to fill the larger spaces between. The total space is much less, however. The most finely pulverized soils weigh the least when dry, but looking lot this morning, haven't they?" will hold the most water. Thus a heavy clay soil may really weigh light | in at the police station. but it is much heavier when soaked. Fine grained soils not only hold the most said the reporter to whom he had water, but its drainage through them spoken. "Those are not the prisoners. occupies the most time, as shown by Those are the lawyers."-Chicago Tribthe number of minutes at the left of une. dingram.-American Agriculturist.

Lean and Fat Pork.

The National Provisioner says that abnormally fat hogs are becoming a drug in the market and no wonder. Some feeders seem to think that leanness in hogs is undesirable, and hence their aim is to put as many pounds of fat on their stock as possible. The result is that they do not reap nearly as much profit as they would if the lean and fat were properly intermingled. Excessive fat meat of any description is distasteful to the average consumer, and only those persons whose appetite is extremely gross can eat very fat pork with relish. On the other hand no killed them, of course.-Texas Siftings. meat is more savory than lean pork, and it is to be sincerely hoped that, in view of the constantly increasing de mand farmers will cease to be deluded by the popular notion that fatness is everything and will endeavor in future to produce hogs of moderate leanness

and moderate fatness. Fattening Hogs.

It is just as easy to make a hog weigh heavily and produce meat that contains that are fed on swill.

Knew How to Keep a Hotel. Guest-I'd soon starve here.

Proprietor (country hotel)-There's plenty to eat. "Perhaps so, but those waiter girls

of yours don't attend to me." "They don't? Well that's easily fixed. Here's some wax.'

"What good is that?" "Put it in your mustache, of course, and curl the ends. You've got too much of a married look."-N. Y. Weekly.

Medical Item. Medical Student-I think, father, when I have graduated I will become a

"I think I will make a specialty of ear diseases." "I think you had better become a tooth specialist; man has only two ears, but he has fifty-two teeth that are always more or less out of order."-Texas

Father-What kind of a specialist?

Siftings. How She Wanted Him.

The lady was trying to beat down the

price of a canary bird. "Why, madam," said the dealer in a hurt tone, "would you ask me to let him go for a song?"

"Well," she replied, significantly, "if he can't go that way I don't want him at all," and she paid the price .-Detroit Free Press.

Not Fit for a Hog. Oustomer (paying check at restaurant counter)-That steak I ordered was a disgrace, sir. It wasn't fit for a hog to

Proprietor-Very sorry, sir. Pray send it back and have anything else you choose to order, sir. Customer-Oh, it's too late now. I've eaten it all .- Truth.

He Wanted Environment.

The reporter had just come in from an assignment in a murder case. It was a rainy day and he had to cross a plowed field on foot.

"I see," observed the city editor, looking with some displeasure at his large and muddy boots, "you have brought the scene of the murder with you."-Boston Globe.

He Will Not Be Forgotten.

Beg pardon, sir," said the servitor, as Ballston was about to leave the restaurant, "but it is usual to remember

"Then you won't forget me," replied Ballston. "I waited about half a day for you to bring my dinner."-

Suspicious Propinquity. Mr. Hall B. Roome-Do you buy your

sausage by the pound, Mrs. Hamoneg? Mrs. Hamoneg-Yes; why? Mr. Hall B. Roome—Nothing; only I would humbly suggest that in future you select a butcher shop a little more remote from that institution .- Puck.

Her Windows. I said to Maud, who loves to shade Her earnest orbs 'neath lashes brown;
"If eyes be windows of the soul. Now tell me why, most charming maid. You always keep the blinds pulled do



-Fliegende Blaetter.

Harry-I notice that Miss Spurre doesn't speak to you at present. haven't been making any careless remarks about her red hair, have you? Jack-No; but I invited her out riding the other day, and the fool of a livery man brought around a white horse -Truth.

A Faux Pas.

Misjudged.

"They've raked in a pretty tough observed the stranger, who had dropped

"You are looking at the wrong gang,"

A Subtle Distinction.

Miss Lastyear-I think I made a very favorable impression on Mr. Longhead. I talked a long while with him and he told me I was very clever.

Miss Gethere (her rival)-Yes? He told me the same thing, only he put the accent on clever .- Truth.

Too Much Zeal. Visitor-Where are the silver fish you

had in your aquarium? Mrs. Jones-They are dead. I hired a greenhorn of a servant, and because I told her to scour all the silverware she scoured the silver fish too, and it

Too Effective. Mrs. Ruggs-Why do you dislike Dr.

Curem? Mrs. Muggs-He cured my husband's rheumatism, so he can never tell when it is going to rain, and last week I spoiled a brand-new hat.-N. Y. Weekly.

Life's Many Mysteries. Little Boy-What do folks want rats' tails to be smooth for? Papa-They don't.

Little Boy-Well, I heard a man in the store ask for a rat-tail file, anyhow. Good News.

And Then She Fainted. She-Why in the world does he call his feet poetic? He-Because they go to meet her, you

THE VEILED PROPHET.

Final Arrangements for His Majesty's Annual Visit.

Arrival by Water and Military Parade of Saturday-Grand Parade and Ball on Tuesday-Fair Week Attractions.

Sr. Louis, Sept. 29. - The Veiled Prophet will arrive the day after tomorrow, and every one is now discuss ing the details of his grand entree and of the magnificent, festival, parade and ball of next Tuesday. For fourteen years in succession the mystic monarch has visited the city, arriving every year in a secret manner, and not making his appearance until the parade. But this year the carnival at St. Louis is so much grander than anything which has preceded it, that His Majesty has decided to make a formal entree, and he will accordingly arrive by boat on Saturday afternoon. He will be met by the First regiment N. G. M., and by a large delegation of influential citizens. The Prophet will hold a reception at the Exposition in the afternoon and will then retire to his "den," from which he will emerge on Tuesday afternoon.



The Veiled Prophet.

The parade on Tuesday will be a magnificent spectacle, unusual trouble and expense having been incurred in preparing the floats and moving spectacles, while from the 75,000 gas and electric lights brilliant rays of countless shades will add to the splendor and magnificence of the scene. Enormous crowds will view the parade from points of vantage along the route, and excursion trains will be run to the city from various locations. Specially low rates for the carnival will be made by the various railroads next week, and it will be possible to secure round-trip tickets for one fare from nearly every depot in this section.

Advatage should be taken of this op-

portunity, for the attractions next week are so numerous that fresh enjoyment can be found every day. The exposition, with its four concerts daily by the grandest band in America: the fair, with special attractions in the ring every day, to say nothing of the Veiled prophet and of the magnificent illuminations of Tuesday and Thursday, will combine to make the first week of October, 1892, a week never to be forgotten by residents in, or visitors to, the great western and southwestern metropolis

The law allowing three days' grace on note does not apply to a musician. They must take up the notes at sight, as they be ome due, or the whole will go to protest.

Have You Asthma?

DR. R. SCHIPFMANN, St. Paul. Minn., will mail a trial package of Schiffmann's Asthma Cure free to any sufferer. Gives instant re-lief in worst cases, and cures where others fail. Name this paper and send address.

"An," she murmured, as her father hus-tled two would be visitors from the front door, "I think I hear the rustling of the leaves."—Washington Star.

W. H. GRIFFIN, Jackson, Michigan, writes: "Suffered with Catarrh for fifteen years, Hall's Catarrh Cure cured me." Sold by

How much easier it is to sit in the shade and tell our friends what we intend to do, than it is to go out in the sun and do it. IF you want to be cured of a cough use Hale's Honey of Horehound and Tar.

Pike's Toothache Drops Cure in one minute. "This thing is worth looking inte." mur-

mured the pretty girl as she stood in front of her mirror. Chicago Tribune. Don't fee! with indigestion nor with disordered liver, but take Beecham's Pills for immediate relief. 25 cents a bex-

WINDS show which way the straws blow. The weeping willow should be planted in

The "hello" girl at the telephone exchange has much to answer for

Curs a queer figure—the Chinese idel carver,—N. Y. Morning Journal.

When you offer eats to a horse he may say neigh, but he doesn't mean it.

The mother tongue is probably the lan-guage of Mars. - Yonker's Statesman. SHE-"Do you summer in the country!"

He="No; I simmer in the city."-Puck. "Ir is a cold day when I get left," observed the palm-leaf fan.

Ir you do not want your feelings hart keep them out of the way.—Galveston News. Tun only way it pays a person to be his own lawyer is to keep his own counsel.

ANY person can get there, but the question is what is he going to do after he ar-rives.—Dallas News.

What is the difference between a hill and a pill? One is hard to get up and the other is hard to get down.

Sum-"I see Miss Livingston has become Mrs. Livingston-Jones." He-"Yes, united in the bonds of hyphen." POINTING at the caudal appendage of the hand-organ monkey, Quibble remarked: "The tail of a wayside din."—Boston Tran-

A REST within a rest—a good bed on a safe chip.—Ram's Horn.

WHEN you see a counterfelt coin on the sidewalk, always pick it up. You are liable to arrest if you try to pass it.

Oxr can't judge of the average boy's in-tellect by the little evidence of "mind" he gives when his mother speaks to him.



ONE ENJOYS Both the method and results when Syrup of Figs is taken; it is pleasant and refreshing to the taste, and acts gently yet promptly on the Kidneys, Liver and Bowels, cleanses the system effectually, dispels colds, headaches and fevers and cures habitual constipation. Syrup of Figs is the only remedy of its kind ever produced, pleasing to the taste and acceptable to the stomach, prompt in its action and truly beneficial in its effects, prepared only from the most healthy and agreeable substances, its to all and have made it the most popular remedy known.

gists. Any reliable druggist who may not have it on hand will procure it promptly for any one who any dealer. The wishes to try it. Do not accept any the large ones 25c. substitute.

CALIFORNIA FIG SYRUP CO.



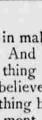
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IMPURE WATER.

The cholera at Hamburg was caused by drinking impure water from the river Elbe. It shows how important it is to keep clean. It is not only necessary in the water that we drink but in all other ways. The human system is a great machine and needs to be constantly renovated and cleansed. All summer maladies and most contagious diseases arise from a disordered stomach. This can be entirely overcome by taking the Laxative Gum Drops. These are a mild and gentle laxative, not a violent purge, but a laxative that restores their wonted action to the bowels. They are particularly calculated for women and children almany excellent qualities commend it though they are sufficient for the strongest man. They cause no pain or griping, there is no unpleasant taste Syrup of Figs is for sale in 50e about them, there is no liquid. They and 31 bottles by all leading drugboxes in which they are packed like an ordinary gum drop. Get them of any dealer. The small boxes 10c, SYLVAN REMEDY CO., Peoria, Ill.

is a scientifically prepared Liniment and harmless; every ingredient is of recognized value and in constant use by the medical profession. It short-ens Labor, Lessens Pain, Diminishes Danger to life of Mother and Child. Book "To Mothers" mailed free, containing valuable information and voluntary testimonials. Sent by express, charges prepaid, on receipt of price, \$1.50 per bottic.

BRADFIELD REGULATOR CO., Atlanta, Ga. Sold by all druggists.



Too Slow

in making clothes, this was. It had to go. And yet people thought it a pretty good thing in its day. Some of them couldn't believe, all at once, that there was anything better. Just so with every improvement. The old way always has some benighted ones who cling to it to the last.

Too Fast

in ruining clothes, un-making them - that's the trouble with the washboard. But it's going now and going fast, to join the spinning-wheel. Women find it doesn't pay to rub their clothes to pieces over it. They can wash better with Pearline. Less work, less wear, no ruinous rub, rub, rub. That's the modern way of washing-safe, easy, quick, cheap. No wonder that many women

have thrown away the washboard. Send Peddlers and some unscrupulous grocers will tell you "this is as good as or "the same as Pearline." IT'S FALSE—Pearline is never peddled it Back and if your grocer sends you something in place of Pearline, be honest—send it back.

378 JAMES PYLE, New York

IT IS A DUTY you owe yourself and family to get the best
value for your money. Economize in your footwear by purchasing W. L. Douglas Shoes,
which represent the best
value for prices nsked, as
thousands will testify.

\$35HOE GENTLEMEN,



walk in, and will keep the feet dry and warm.
50 Fine Calf. 82,25 and 82 Workingmen's Shoes Pd will give more wear for the money than any other make. They are made for service. The increasing sales show that work-BOYS' 82 and Youths' \$1.75 School Shoes are
BOYS' worn by the boys everywhere. The most service-

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THE COOK HAD NOT USED SAPOLIO

GOOD COOKING DEMANDS CLEANLINE ...

SAPOLIO SHOULD BE USED IN EVERY KITCHEN.



It has more than three times the strength of Cocoa mixed with Starch, Arrowroot or Sugar, and is far more economical, costing less than one cent a cup. It is delicious, nourishing, and Easily DIGESTER. Sold by Grocers everywhere.

W. BAKER & CO., Dorchester, Mass. Piso's Remedy for Catarrh is the est, Easiest to Use, and Cheapest.



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